

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 42339-198337

First Inventor Vijayakumaran NAIR

Title SUPPLYING A RAMP VOLTAGE TO AN AMPLIFIER

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Pages 2]  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

6a. ☐ Priority is claimed under the provisions of 35 U.S.C. § 119  
Appln No. \_\_\_\_\_ filed in \_\_\_\_\_ on \_\_\_\_\_  
Appln No. \_\_\_\_\_ filed in \_\_\_\_\_ on \_\_\_\_\_

**ADDRESS TO:**Commissioner for Patents  
Box Patent Application  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**20. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

26694

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

|         |                |           |              |          |              |
|---------|----------------|-----------|--------------|----------|--------------|
| Name    | VENABLE        |           |              |          |              |
| Address | P.O. Box 34385 |           |              |          |              |
| City    | Washington     | State     | D.C.         | Zip Code | 20043-9998   |
| Country | U.S.A          | Telephone | 202-344-4000 | Fax      | 202-344-8300 |

|                   |                    |                                   |                   |
|-------------------|--------------------|-----------------------------------|-------------------|
| Name (Print/Type) | Jung (John) H. Kim | Registration No. (Attorney/Agent) | 51,299            |
| Signature         |                    | Date                              | December 31, 2003 |

123103

17691 U.S. PTO

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

## Complete if Known

TOTAL AMOUNT OF PAYMENT (\$ 864

|                      |                    |
|----------------------|--------------------|
| Application Number   | TBA                |
| Filing Date          | December 31, 2003  |
| First Named Inventor | Vijayakumaran NAIR |
| Examiner Name        | TBA                |
| Group / Art Unit     | TBA                |
| Attorney Docket No.  | 42339-198337       |

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

22-0261

Deposit  
Account  
Name

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 1001                 | 770                   | 2001                 | 385                   | Utility filing fee     | 770      |
| 1002                 | 340                   | 2002                 | 170                   | Design filing fee      |          |
| 1003                 | 530                   | 2003                 | 265                   | Plant filing fee       |          |
| 1004                 | 770                   | 2004                 | 385                   | Reissue filing fee     |          |
| 1005                 | 160                   | 2005                 | 80                    | Provisional filing fee |          |

SUBTOTAL (1)

(\$ 770

## 2. EXTRA CLAIM FEES

|                       |    |        |   |   |                 |   |                   |    |   |    |             |
|-----------------------|----|--------|---|---|-----------------|---|-------------------|----|---|----|-------------|
| Total Claims          | 23 | -20 ** | = | 3 | Extra<br>Claims | X | Fee from<br>below | 18 | = | 54 | Fee<br>Paid |
| Independent<br>Claims | 3  | -3 **  | = | 0 |                 | X | 86                |    | = | 0  |             |
| Multiple<br>Dependent |    |        |   |   |                 | X |                   |    | = | 0  |             |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 1202                 | 18                    | 2202                 | 9                     | Claims in excess of 20                                     |
| 1201                 | 86                    | 2201                 | 43                    | Independent claims in excess of 3                          |
| 1203                 | 290                   | 2204                 | 145                   | Multiple dependent claim, if not paid                      |
| 1204                 | 86                    | 2204                 | 43                    | ** Reissue independent claims over original patent         |
| 1205                 | 18                    | 2205                 | 9                     | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 54

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

| Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee<br>Paid |
|-------------|--------------------------------|-------------|--------------------------------|--|-------------|
| 1051        | 130                            | 2051        | 65                             | Surcharge - late filing fee or oath  |             |
| 1052        | 50                             | 2052        | 25                             | Surcharge - late provisional filing fee or cover sheet.                    |             |
| 1053        | 130                            | 1053        | 130                            | Non-English specification  |             |
| 1812        | 2,520                          | 1812        | 2,520                          | For filing a request for reexamination                                     |             |
| 1804        | 920*                           | 1804        | 920*                           | Requesting publication of SIR prior to Examiner action                     |             |
| 1805        | 1,840*                         | 1805        | 1,840*                         | Requesting publication of SIR after Examiner action                        |             |
| 1251        | 110                            | 2215        | 55                             | Extension for reply within first month                                     |             |
| 1252        | 420                            | 2252        | 210                            | Extension for reply within second month                                    |             |
| 1253        | 950                            | 2253        | 475                            | Extension for reply within third month                                     |             |
| 1254        | 1,480                          | 2254        | 740                            | Extension for reply within fourth month                                    |             |
| 1255        | 2010                           | 2255        | 1005                           | Extension for reply within fifth month                                     |             |
| 1401        | 330                            | 2401        | 165                            | Notice of Appeal   |             |
| 1402        | 330                            | 2402        | 165                            | Filing a brief in support of an appeal                                     |             |
| 1403        | 290                            | 2403        | 145                            | Request for oral hearing   |             |
| 1451        | 1,510                          | 1451        | 1,510                          | Petition to institute a public use proceeding                              |             |
| 1452        | 110                            | 2452        | 55                             | Petition to revive - unavoidable   |             |
| 1453        | 1,330                          | 2453        | 665                            | Petition to revive - unintentional   |             |
| 1501        | 1,330                          | 2501        | 665                            | Utility issue fee (or reissue)   |             |
| 1502        | 480                            | 2502        | 240                            | Design issue fee   |             |
| 1503        | 640                            | 25403       | 320                            | Plant issue fee  |             |
| 1460        | 130                            | 1460        | 130                            | Petitions to the Commissioner  |             |
| 1807        | 50                             | 1807        | 50                             | Processing fee under 37 CFR 1.17 (q)                                       |             |
| 1808        | 180                            | 1808        | 180                            | Submission of Information Disclosure Stmt                                  |             |
| 8021        | 40                             | 8021        | 40                             | Recording each patent assignment per property (times number of properties) | 40          |
| 1809        | 770                            | 2809        | 385                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |             |
| 1810        | 770                            | 2810        | 385                            | For each additional invention to be examined (37 CFR § 1.129(b))           |             |
| 1801        | 770                            | 2801        | 385                            | Request for Continued Examination (RCE)                                    |             |
| 1802        | 900                            | 1802        | 900                            | Request for expedited examination of a design application                  |             |

Other fee (specify) \_\_\_\_\_

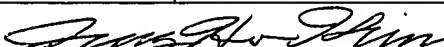
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40

## SUBMITTED BY

## Complete (if applicable)

|                   |   |                                  |        |           |                   |
|-------------------|---|----------------------------------|--------|-----------|-------------------|
| Name (Print/Type) | Jung (John) H. Kim  | Registration No. Attorney/Agent) | 51,299 | Telephone | 202-344-4800      |
| Signature         |  |                                  |        | Date      | December 31, 2003 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  
SEND TO: Commissioner for Patents, Mail Stop Patent Application, Alexandria, VA 22313-1450.

**VENABLE**  
ATTORNEYS AT LAW

PC Docs No. 511051v1